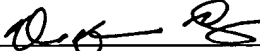




Docket No.: 4686-125 US

The undersigned certifies that this communication is being deposited with the United States Postal Service as prepaid first class mail in an envelope addressed to Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on April 28, 2004.

  
Diane Dunin McKay

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of:  
SHEFER et al.

Serial No.: 10/731,319

Filed: December 8, 2003

Title MOISTURE TRIGGERED SEALED  
RELEASE SYSTEM

:  
:  
:  
: Group Art Unit: 1616  
:  
: Examiner: TBD  
:  
:  
: x

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

INFORMATION DISCLOSURE STATEMENT

Sir:

Pursuant to 37 C.F.R. §§ 1.97 and 1.98, Applicant hereby brings to the attention of the United States Patent and Trademark Office the following documents of which Applicant has been made aware. The documents are listed on the attached PTO Form 1449. Copies of the documents are enclosed.

Applicant submits that this Information Disclosure Statement is submitted prior to a first action on the merits.



Serial No. 10/731,319

Docket No. 4686-125 US

It is requested that the references be considered by the Examiner and be made of record as part of the available prior art under 37 C.F.R. § 1.104.

Respectfully submitted,

Diane Dunn McKay  
Reg. No. 34,586  
Attorney for Applicant

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# INFORMATION DISCLOSURE CITATION

(Use several sheets if necessary)

Docket Number (Optional)

4686-125US

Application Number

10/731,319

Applicant(s)

SHEFER et al.

Filing Date

December 8, 2003

Group Art Unit

1616

MAY 03 2004

## U.S. PATENT DOCUMENTS

EXAMINER	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
	3,971,852	7/27/1976	BRENNER et al.	426	103	
	4,339,356	07/13/1982	WHYTE	512	4	
	4,803,195	02/07/1989	HOLZNER	512	4	
	5,051,222	09/24/1991	MARTEN et al.	264	143	
	5,069,231	12/03/1991	RUTHERFORD	131	335	
	5,417,153	05/23/1995	KING et al.	99	517	
	5,500,137	03/19/1996	BACON et al.	510	102	
	5,500,138	03/19/1996	BACON et al.	510	102	
	5,500,154	03/19/1996	BACON et al.	510	102	
	5,508,259	04/16/1996	HOLZNER et al.	512	4	
	5,525,367	06/11/1996	KING et al.	426	533	

## FOREIGN PATENT DOCUMENTS

REF	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	Translation	
						YES	NO

## OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

	Stanton D et al., "Computer-Assisted Prediction of Normal Boiling Points of Pyrans and Pyrroles", J. Chem. Inf. Comput. Sci, 1992, 32, pp. 306-316
	Murugan, R et al., "Predicting physical properties from molecular structure", Chemtech, June 1994, pp. 17-23

EXAMINER

DATE CONSIDERED

EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP Section 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

<b>INFORMATION DISCLOSURE CITATION</b> <i>(Use several sheets if necessary)</i>				Docket Number (Optional) <b>4686-125US</b>		Application Number <b>10/731,319</b>		
				Applicant(s) <b>SHEFER et al.</b>				
				Filing Date <b>December 8, 2003</b>		Group Art Unit <b>1616</b>		
<b>U.S. PATENT DOCUMENTS</b>								
*EXAMINER INITIAL	REF	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE	
		5,531,910	07/02/1996	SEVERNS et al.	510	102		
		5,540,853	07/30/1996	TRINH et al.	510	101		
		5,562,847	10/08/1996	WAITE et al.	510	519		
		5,652,206	07/29/1997	BACON et al.	510	101		
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		5,833,999	11/10/1998	TRINH et al.	424	401		
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		6,045,835	04/04/2000	SOPER et al.	426	89		
		6,106,875	08/22/2000	SOPER et al.	426	89		
<b>FOREIGN PATENT DOCUMENTS</b>								
	REF	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	Translation	
							YES	NO
<b>OTHER DOCUMENTS</b> <i>(Including Author, Title, Date, Pertinent Pages, Etc.)</i>								
		Stanton D et al., "Computer-Assisted Prediction of Normal Boiling Points of Furans, Tetrahydrofurans, and Thiophenes", J. Chem. Inf. Comput. Sci 1991, 31, pp. 301-310						
		Baretto, Paul J., "Perfumes for Specialties", Soap & Chemical Specialties, December 1966, p. 67 & p. 155						
<b>EXAMINER</b>				<b>DATE CONSIDERED</b>				
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*EXAMINER INITIAL	REF	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
		6,147,037	11/14/2000	GARDLIK et al.	510	107	
		6,184,188	02/06/2001	SEVERNS et al.	510	101	
		6,235,274	05/22/2001	LOU et al.	424	65	

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	REF	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	Translation	
							YES	NO

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		Flinn, J et al., "Advances in Microencapsulation Techniques", Batelle Technical Review, Vol. 16, No. 2, pp. 2-8(1967)
		Gordon, Arnold J. and Ford, Richard A., "The Chemist's Companion" Table of Contents, 1972

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Balassa, L et al., "Microencapsulation in the Food Industry", CRC Critical Reviews in Food Technology, July 1971, pp. 245-265

Maleeny, Robert T., "Spray Dried Perfumes", Soap and San Chem, Jan. 1958, pp. 135 et seq

C.E. Rogers "Permeation of Gases and Vapours in Polymers, page 225 in "Polymer Permeability" J. Comyn Ed.

A. Leo "Methods of Calculating Partition Coefficients", Comprehensive Medicinal Chemistry, Vol. 4, pp. 295-319, Pergamon Press, 1990

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